

Navy's Fiscal Year 2018 Unfunded Priorities List

#	Navy FY18 Unfunded Priorities List (UPL)	Appn	U	PE	SAG	TY\$M
1	F/A-18E/F Super Hornet (+10 Aircraft) (From 14 to 24) to Mitigate Strike Fighter Shortfall	APN	0145	0204136N	-	\$739
2	P-8A Poseidon (+6 Aircraft) (From 7 to 13)	APN	0193	0204251N	-	\$1,011
3	F-35C Lightning II (+4 Aircraft) (From 4 to 8)	APN	0147	0204146N	-	\$540
4	Facilities Sustainment Restoration & Modernization (FSRM) Funding Shortfall for Projects (RM Funding)	OMN	BSM1	Multiple	BSM1	\$218
		OMN	BSS1	Multiple	BSS1	\$28
5	Increase Facility Sustainment from 78% to 100% of the Requirement	OMN	BSM1	Multiple	BSM1	\$445
6	RAM BLK II increase (+60 missiles) (From 60 to 120)	WPN	2242	0204228N	-	\$48
7	Ship to Shore Connector (SSC) (+5 Craft) (From 3 to 8)	SCN	5112	0204228N	-	\$312
8	Weapons Improvement (AIM-9X Blk II Systems Improvement Program (SIP) III; Advanced Anti-Radiation Guided Missile (AARGM) Derivative Program (ADP))	RDTE	0457	0207161N	-	\$9
		RDTE	2185	0205601N	-	\$10
9	CMV-22B (+4 Aircraft) (From 6 to 10)	APN	0164	0204151N	-	\$392
10	Over-the-Horizon (OTH) Weapon System (WS) Development	RDTE	2070	0604756N	-	\$31
11	Munitions Wholeness: Air to Air Training Rounds and CVN Magazine Alterations (AMRAAM (AIM-120) Captive Air Training Missiles (CATM) Guidance Sections (+40 Guidance Sections); CVN 71 Magazine Operations Enhancement; AIM-9X Sidewinder CATM Repair Parts)	WPN	2206	0204162N	-	\$12
		OPN	2876	0204161N	-	\$1
		OMN	1D4D	0702207N	1D4D	\$5
12	LCS Modernization for Increased Lethality and Survivability Upgrades for 4 Ships	OPN	1604	0204230N	-	\$84
13	Submarine Warfare Federated Tactical Systems (SWFTS) (+3 Shipsets) (from 10 to 13)	OPN	0840	0204281N	-	\$29
			2150	0204281N	-	\$27
			5420	0204281N	-	\$20
			0204281N	-		
14	Cooperative Engagement Capability (CEC) Identification Friend or Foe (IFF) Mode 5 Acceleration (From FY24 to FY20)	RDTE	0607658N	0607658N	-	\$11
		OPN	2606	0607658N	-	\$4
15	Ship Signal Exploitation Equipment (SSEE) Increment F (+3 Systems) (from 6 to 9) (LPDs, CGs, DDGs) and Paragon/Graywing (+3 Systems) (from 8 to 11)	OPN	2360	0304575N	-	\$40
16	Berthing Barge (APL) to avert production break (From 0 to 1)	SCN	5113	0204282N	-	\$39
17	Crypto Modernization Procurement for UHF and Narrowband Radios (VACM) to Meet National Security Agency (NSA) Mandate	OPN	3415	0303140N	-	\$12
18	Ship Signal Exploitation Equipment (SSEE) Inc F on 2 FY18 DDGs	SCN	2122	0204222N	-	\$34
19	Manpower Total Ownership Cost (TOC) - Individuals Account (IA) Wholeness - (+785 E/S)	MPN	000000	Multiple	000000	\$78
20	XLUUV (ORCA) Accelerate Advanced Capability Demonstration	RDTE	3394	0604536N	-	\$10
21	LDUUV (Snakehead) Accelerate Advanced Capability Demonstration	RDTE	2096	0603502N	-	\$23
22	Digital Warfare Office (DWO) Accelerate Tactical Data Distribution Initiative (TDDI)	RDTE	2039	0607658N	-	\$18
23	Surveillance Towed Array Sensor System (SURTASS) Array Increase (From 2 to 3) in PACOM AOR	OPN	2237	0204313N	-	\$10
24	Additional MCM Unmanned Surface Vehicle (MCM-USV) (From 1 to 3)	OPN	1601	0204230N	-	\$34
25	Manpower, Personnel, Training and Education (MPT&E) Management System IT Modernization	OMN	BSM1	0604703N	0604703N	\$60
26	Strategic Sealift (Surface Life Extension / Maintenance)	OMN	2A1F	0408034N	2A1F	\$10
		NDSF	0500	0408042N	-	\$7
27	Combat Logistics Maintenance Funding for TAO-187	OMN	1B1B	0408034N	1B1B	\$22
28	ATFP Enhancement - 2nd Pier Sentry (Mahan Report)	MPN	000000	0208539N	000000	\$12
29	Port Security Barriers for Ship Repair Facilities	OPN	8128	0208539N	-	\$19
30	Operational Range Clearance and Environmental Compliance (Environmental Conservation; Environmental Compliance; Operational Range Clearance)	OMN	BSS1	0202056N	BSS1	\$11
		OMN	1C4C	0202056N	1C4C	\$1
31	Port Operations Service Craft Maintenance - Return to 5 Year Overhaul Periodicity	OMN	BSS1	Multiple	BSS1	\$12
32	Critical Infrastructure Investments for Major Range and Test Facility Bases (MRTFB) (2 projects) (Naval Air Warfare Center Aircraft Division (NAWCAD) Data Link; Naval Air Warfare Center Weapons Division (NAWCWD) Air Traffic Automation System (ATAS))	RDTE	2195	0604759N	-	\$7
		RDTE	2195	0604759N	-	\$6

#	Navy FY18 Unfunded Priorities List (UPL) - <i>continued</i>	Appn	U	PE	SAG	TY\$M
33	Fund Aviation Logistics (1A9A) to Max Executable	OMN	1A9A	Multiple	1A9A	\$120
34	Fund Aviation Support (1A4N) to Max Executable	OMN	1A4N	Multiple	1A4N	\$42
35	Fund Aviation Spares (APN-6) to Max Executable	APN	0605	Multiple	-	\$168
36	Logistic Support for Legacy Command, Control, Communications, Computers, and Intelligence (C4I) Systems	OMN	1C1C	1203109N	1C1C	\$1
		OMN	1C1C	0702827N	1C1C	\$4
		OMN	1C1C	0702207N	1C1C	\$1
37	Commander, U.S. Pacific Fleet (COMPACFLT) Maritime Operations Center (MOC) Command, Control, Communications, Computers, and Intelligence (C4I) Data Distribution System Upgrade	OMN	1C6C	0204140N	1C6C	\$10
38	MK110 Gun for the FY17 Congressionally-added National Security Cutter (NSC) 10	WPN	4206	0208017N	-	\$9

Total \$4,796

#	MILCON Unfunded	Appn	U	PE	SAG	TY\$M
39	P988 Undersea Rescue Command (URC) Operations Building, NB Coronado, CA	MCN	00246988	0212176N	-	\$36
40	P440 Pier 8 Replacement (San Diego, CA)	MCN	00245440	0203176N	-	\$108
41	P427 Littoral Combat Ship (LCS) Training Facility (LTF) Naval Station Mayport Florida Phase	MCN	60201427	0203176N	-	\$29
42	P426 Littoral Combat Ship (LCS) Support Facility (LSF) Naval Station Mayport Florida Phase II	MCN	60201426	0203176N	-	\$81
43	P720 Austere Bachelor Quarters for Atlantic Undersea Test and Evaluation Center (AUTEC), Andros Island	MCN	00213720	0212276N	-	\$30
44	P392 F-35C Communication Line Ops to Admin (Lemoore, CA)	MCN	63042392	0712776N	-	\$14
45	P964 Shore-to-Ship Utility Services - Naval Support Activity (NSA) Bahrain	MCN	63005964	0712776N	-	\$60
46	P974 Electrical System Upgrade - NSA Bahrain	MCN	63005974	0712776N	-	\$44
47	P711 A School Dormitory, Pensacola, FL	MCN	00204711	0212276N	-	\$92

MILCON Total \$494

#	Overseas Contingency Operations (OCO)	Appn	U	PE	SAG	TY\$M
48	Naval Special Warfare Counter-ISIS (NSW/C-ISIS) Requirements (NSW Training and C-ISIS Requirements; NSW Precision Strike Unmanned Aerial Systems for C-ISIS (RDTEN); NSW Standoff Weapons, Shoulder Fired Rockets for C-ISIS)	OMN	1C6C	0204423N	1C6C	\$6
		RDTEN	3326	0604230N	-	\$5
		PANMC	0270	0204423N	-	\$6

OCO Total \$17

Navy's Fiscal Year 2018 Unfunded Priorities List Descriptions

1. F/A-18E/F Super Hornet (+10 Aircraft) (from 14 to 24) to Mitigate Strike Fighter Shortfall - \$739M

Strike Fighter Inventory Management continues to be challenged with end-of-life planning for F/A-18A-D legacy aircraft, the requisite integration of F-35C aircraft, overutilization of current aircraft due to high operational tempo, and aviation depot maintenance backlogs. The FY18 President's Budget takes many steps towards addressing the gap with legacy aircraft sustainment, new aircraft procurement, and fleet utilization. An additional 10 aircraft in FY18 will replenish combat-worn aircraft to reduce near-term Strike Fighter shortfalls, and address long term inventory deficits. Total cost includes \$13M of initial spares.

2. P-8A Poseidon (+6 Aircraft) (from 7 to 13) - \$1,011M

The P-8A is the nation's only broad area Anti-Submarine Warfare (ASW) platform. This request for six additional aircraft would, in conjunction with projected future procurement, fulfill the P-8A warfighting requirement of 117 aircraft. Total cost includes \$28M of initial spares.

3. F-35C Lightning II (+4 Aircraft) (from 4 to 8) - \$540M

The F-35C, with its advanced sensors, data sharing capability, and ability to operate closer to threats, will enhance the carrier air wing's ability to find targets and coordinate attacks. Four additional aircraft in FY18 will level the FY17-19 procurement ramp and continue to mitigate the strike fighter shortfalls as we transition to and integrate F-35C aircraft. Total cost includes \$28M of initial spares.

4. Facilities Sustainment Restoration & Modernization (FSRM) Funding Shortfall for Projects (RM Funding) - \$246M

This funds 27 Restoration and Modernization special projects (\$161M) providing critical repairs to airfields, dry docks, wharves, ordnance magazines, building exterior enclosures and mechanical systems, and maintenance dredging. Additionally, this also provides funding for 27 demolition projects (\$57M) and the planning and design funding (\$28M) required to execute the additional FSRM special projects requested in this UPL.

5. Increase Facility Sustainment from 78% to 100% of the Requirement - \$445M

This funds Navy Facilities Sustainment to 100% of the requirement based on the Facilities Sustainment Model (FSM) which enables condition-based maintenance repairs to the most critical and significant facilities, preventing further facility degradation and the subsequent increase of the maintenance backlog.

6. RAM BLK II increase (+60 missiles) (From 60 to 120) - \$48M

Procures 30 RAM Blk II missiles to mitigate risk for pre-combat loadout (CLO) requirements in FY21 as legacy RAM and RAM Blk I missiles reach end of service life. This increase will also maintain a steady ramp and match FY17 procurement quantity.

7. Ship to Shore Connector (SSC) (+5 Craft) (from 3 to 8) - \$312M

Addition of 5 craft brings total FY17-18 procurement to 10. This provides stability to the program and additional units above MSR, reducing price per craft and allowing vendors to order to a more Economic Order Quantity (EOQ) for material procurement.

8. Weapons Improvement - \$19M

a. AIM-9X Blk II Systems Improvement Program (SIP) III - \$9M

Additional SIP III RDTEN supports redesign of the AIM-9X processor to counter emerging threats. Funding prevents processor obsolescence and ensures continuous production of the AIM-9X.

b. Advanced Anti-Radiation Guided Missile AARGM Derivative Program (ADP) - \$10M

The Advanced Anti-Radiation Guided Missile (AARGM) Derivative Program (ADP) initiates the fleet transition of the AGM-88E AARGM software/firmware update that provides engagement capability for classified special target sets. This capability will shorten the kill chain to find, fix, target and destroy special targets.

9. CMV-22B (+4 Aircraft) (from 6 to 10) - \$392M

The CMV-22 is the replacement aircraft for the C-2A, the Navy's long-range medium-lift air connector for Carrier Onboard Delivery (COD) capability. The CMV-22B provides increased range and improved cargo capacity over the C-2A, a key enabler to the sustainment support plan for F-35C. The additional CMV-22B aircraft will ensure FY18 procurement meets the Economic Production Rate (EPR) of 10 per year, independent of Foreign Military Sales. Total cost includes \$36M of initial spares.

10. Over-the-Horizon (OTH) Weapon System Development - \$31M

Procures 5 test missiles and 3 Inert Operational Missiles for testing to support the outfitting of a second LCS class ship with an extended range offensive cruise missile capability, supporting continued planned lethality upgrades to the entire class. This funding enables is required to keep the planned lethality upgrades to remain aligned on both LCS ships.

11. Munitions Wholeness: Air to Air Training Rounds and CVN Magazine Alterations - \$18M

a. AMRAAM (AIM-120) Captive Air Training Missiles (CATM) Guidance Sections (+40 Guidance Sections) - \$12M

Increases Weapons Spares funding to procure CATM-120D Guidance Sections (GS) due to increased usage, higher than expected failure rates, and lengthy repair times.

b. CVN 71 Magazine Operations Enhancement - \$1M

Installs power outlets for Built in Test (BIT)/Reprogramming operations for CVN-71 and magazines to increase weapons building throughput. Increases operational readiness and safety, reduces weapons build times, and increases sortie generation rates for the carrier airwing.

c. AIM-9X Sidewinder Captive-Air Training Missile (CATM) Repair Parts - \$5M

Increases Weapons Spares funding to procure CATM-9X spare parts due to increased usage, limited spare parts, and increased time to repair assets.

12. LCS Modernization for Increased Lethality and Survivability Upgrades for 4 Ships – \$84M

Backfits 4 LCS ships with upgraded electronic warfare systems, decoys, gun fire control systems, and radars to increase lethality and survivability. Migrates these capabilities to common Navy systems that increase capabilities and decrease long term operation and support costs.

13. Submarine Warfare Federated Tactical Systems (SWFTS) (+3 Shipsets) (from 10 to 13) - \$76M

The additional submarine combat system upgrades will accelerate system improvements on three VIRGINIA Class SSN submarines and improve submarine mission execution.

14. Cooperative Engagement Capability (CEC) Identification Friend or Foe (IFF) Mode 5 Acceleration (from FY24 to FY20) - \$15M

Accelerates full implementation of IFF Mode 5 capability in the Fleet by FY20, enabling more effective fire control on key warfighting platforms. Will field CEC IFF Mode 5 system design improvements, integration efforts and six (6) AN/USG-2B backfits to enable CEC IFF Mode 5 capability on 17 ships comprised of AEGIS Baseline 6 Phase 3, SSDS Mk2 Build 9, and SSDS Mk2 Build 6 combat systems.

15. Ship Signal Exploitation Equipment (SSEE) Increment F (+3 Systems) (from 6 to 9) (LPDs, CGs, DDGs) and Paragon / Graywing (+3 Systems) (from 8 to 11) - \$40M

Accelerates procurement and installation of SSEE and Graywing collection systems to increase the tactical cryptologic / Information Warfare exploitation capability across Navy surface combatant platforms. Additional systems increase the Fleet's non-kinetic capabilities and the ability to detect, classify, track, and exploit adversary Signals of Interest.

16. Berthing Barge to avert production break (from 0 to 1) - \$39M

Berthing barges are used for temporary ship crew quarters during major maintenance periods; some are over 70 years old and degraded. New construction program begins in FY17.

17. Crypto Modernization Procurement for UHF and Narrowband Radios (VACM) to Meet National Security Agency (NSA) Mandate - \$12M

Accelerates VINSON/ANDVT Crypto Modernization (VACM) procurement and sustainment to ensure compliance with NSA mandate timelines, create savings from lower unit cost in FY18 (leveraging United States Air Force procurement) and eliminate redundant installs. VACM is the modern cryptographic product replacement for legacy secure voice products on Top Secret/Secret circuits.

18. Ship Signal Exploitation Equipment (SSEE) Increment F on 2 FY18 DDGs - \$34M

Funding supports procurement and installation of SSEE Inc F on FY18 DDG 51 new construction hulls 128 and 129. Installation during construction allows for approximately 50% cost savings compared to installing via back-fit. The SSEE Inc F system incorporates counter-intelligence, surveillance, and reconnaissance (C-ISR) capabilities that improve situational awareness, enhance integrated fires and are key enablers for distributed maritime operations.

19. Manpower Total Ownership Cost (TOC) - Individuals Account (IA) Wholeness – (+785 E/S) - \$78M

Funds 539 transient, patient, prisoner, and hold (TPPH) end strength (E/S) (321 officer / 218 enlisted) to reduce gaps at sea and mitigate unanticipated manpower losses. Funds 114 student E/S (12 officer / 102 enlisted) to sustain training pipelines for Navy and Marine Corps mission support and force structure growth. Funds 132 junior officer E/S to ensure an adequate number of experienced mid-grade and senior officers for crucial leadership and operational requirements.

20. XLUUV (ORCA) Accelerate Advanced Capability Demonstration - \$10M

Accelerates innovative advanced capabilities development and demonstration to sustain undersea advantage. Achieves 3 to 6 month program acceleration.

21. LDUUV (Snakehead) Accelerate Advanced Capability Demonstration - \$23M

Accelerates advanced capabilities development and demonstration to sustain undersea advantage. Achieves 6 to 12 months program acceleration.

22. Digital Warfare Office (DWO) Accelerate Tactical Data Distribution Initiative (TDDI) - \$18M

Accelerates the Tactical Data Dissemination Initiative (TDDI) required to support the next generation of Navy Integrated Fire Control (NIFC) and Distributed Operations. Initiative enables rapid assessment of emerging technologies impacting tactical data link requirements across all Navy data links (e.g. Lnk-16, JREAP, TTNT, CEC, TCDL, IBS) and Communications in a Denied and Degraded Environment (CD2E).

23. Surveillance Towed Array Sensor System (SURTASS) Array Increase (from 2 to 3) in PACOM AOR - \$10M

Procures TL-29A array, tow cable and SURTASS shipboard operating and support equipment to meet Theater Anti-Submarine Warfare (TASW) Commander surveillance requirements.

24. Additional MCM Unmanned Surface Vehicle (MCM-USV) (from 1 to 3) - \$34M

Funds the procurement of two additional USVs (+2) to tow mine-hunting equipment in support of fleet operational requirements.

25. Manpower, Personnel, Training and Education (MPT&E) Management System IT Modernization - \$60M

Provides funding for manpower/personnel IT system modernization and MPT&E transformation to meet Sailor 2025 needs, improve readiness, support personnel and pay system auditability, and streamline disparate manpower systems, processes, and organizations.

26. Strategic Sealift (Surface Life Extension / Maintenance) - \$17M

Funds deferred maintenance and addresses obsolescence issues for mission critical equipment for forward-deployed and surge sealift ships. Aging sealift vessels, average age over 40 years, increasingly face maintenance casualties impacting ability to meet mission timelines. Funding initiates phased service life extensions for three Ready Reserve Force ships (2 T-ACS Crane Ships and 1 T-AVB Aviation Support Ship) and addresses Maritime Prepositioning Force (MPF) Bobo Class maintenance activities. Major items identified during engineering requirements assessments include main engines maintenance, steel replacement, and increasing length and cost of maintenance availabilities. Additional funds will mitigate shortfalls and better position sealift capabilities to meet warfighting and crisis response requirements.

27. Combat Logistics Maintenance Funding for TAO-187 - \$22M

T-AO 187s are reaching the end of their services lives and their maintenance and repair costs are increasing at a rate greater than programmed. Over the last three years, there has been a significant increase in C3 and C4 CASREPS, both in frequency and severity. Key areas include: diesel generators, main engines, machinery control systems, and lifeboats. Additionally, T-AOs are seeing an increase in length and cost of their scheduled overhauls. The primary driver is an increase in required steel replacement due to age (cracking) and corrosion. Additional maintenance & repair funding will enable sustained Operational Availability of the T-AOs.

28. ATFP Enhancement - 2nd Pier Sentry (Mahan Report) - \$12M

This Military Personnel Navy funding provides 333 security personnel for anti-terrorism/force-protection in place of Sailors assigned to local ships performing the duty, enhancing ship's productivity.

29. Port Security Barriers for Ship Repair Facilities - \$19M

Seaward barrier protection for USN ships in repair facilities in San Diego which are outside of Naval Base San Diego's port security barrier system.

30. Operational Range Clearance and Environmental Compliance - \$12M

a. Environmental Conservation - \$7M

Funds natural resource conservation projects to preempt 'critical habitat' designation of Navy ranges under the Endangered Species Act. This type of encroachment can result in the loss of range use, which impacts training necessary to improve readiness of units.

b. Environmental Compliance (Radon, Pollution Prevention Plans, Tank Management Plans, and Pest Management Plans) - \$4M

Provides workplace screening for Radon exposure, preparation of plans for reducing hazardous waste generation, increases safe handling and application of pesticides, and controls the spread of disease vectors for Zika virus.

c. Operational Range Clearance - \$1M

Funds range clearance activities to increase removal of unexploded ordnance and debris.

31. Port Operations Service Craft Maintenance – Return to 5 Year Overhaul Periodicity - \$12M

This funding addresses the backlog of deferred maintenance of Navy Port Operations service craft. The funding reestablishes the prescribed 5-year overhaul cycle and addresses the maintenance backlog.

32. Critical Infrastructure Investments for Major Range and Test Facility Bases (MRTFB) (2 projects) - \$13M

a. Naval Air Warfare Center Aircraft Division (NAWCAD) Data Link - \$7M

Funds fiber replacement of NAWCD Microwave Data Links. Increases bandwidth to support more complex test and training events at Naval Air Station Patuxent River.

b. Naval Air Warfare Center Weapons Division (NAWCWD) Air Traffic Automation System (ATAS) - \$6M

Funds replacement of ATAS providing airspace surveillance to China Lake Land Range and Pt Mugu Sea Range. Replacement prevents obsolescence and maintains joint agreements with the Federal Aviation Administration (FAA) and US Air Force.

33. Fund Aviation Logistics (1A9A) to Max Executable - \$120M

Improves aviation readiness recovery by fully funding the Aviation Logistics program that provides Contractor Logistics Support (CLS) and Performance Based Logistics (PBL) to the F-35, MV-22B, KC-130J, and E-6B platforms.

34. Fund Aviation Support (1A4N) to Max Executable - \$42M

Improves aviation readiness recovery by fully funding the Air Systems Support program that provides engineering and logistics analysis necessary to sustain aircraft systems and equipment.

35. Fund Aviation Spares (APN-6) to Max Executable - \$168M

Improves aviation readiness recovery by fully funding the initial and replenishment spares for the aviation consolidated allowance list (AVCAL) and the shore consolidated allowance list (SHORCAL).

36. Logistic Support for Legacy Command, Control, Communications, Computers, and Intelligence (C4I) Systems - \$6M

Provides training, maintenance, and materiel support for nine critical shipboard and shore systems that are approaching end of service life prior to new system replacement. Includes maintenance on weather RADARs, grooming and configuration updates for satellite antenna sets, and refurbishment of out-of-commission antennas to use as spares. It also provides updating of maintenance manuals and training for troubleshooting systems that are no longer supported by a Program of Record.

37. Commander, U.S. Pacific Fleet (COMPACFLT) Maritime Operations Center (MOC) Command, Control, Communications, Computers, and Intelligence (C4I) Data Distribution System Upgrade - \$10M

Provides several reliability and performance improvements to the COMPACFLT MOC. These include Command and Control information dissemination system maintenance, ship-to-shore communications bandwidth upgrades, shore joint information system upgrades to improve connectivity while reducing management overhead, and providing expanded classified voice communications for the MOC and other Flag Officer spaces throughout COMPACFLT Headquarters.

38. MK110 Gun for the FY17 Congressionally-added National Security Cutter (NSC) 10 - \$9M

NSC-10 was funded in the FY17 consolidated appropriations. FY18 funding will address in yard need date of 2020 for construction. Navy funds all Navy-Type/Navy-Owned (NT/NO) systems for the U.S. Coast Guard, including the MK110 gun.

Military Construction Unfunded

39. P988 Undersea Rescue Command (URC) Operations Building, NB Coronado, CA - \$36M

Funding the construction of this operational facility will enable URC to meet required 72 hour deployment timeline for responding to planned and unplanned tasking. URC is the Navy's sole "first responder" with unique submariner rescue capabilities and also supports the international submariner community. Providing secure, controlled storage of critical deployable rescue platforms enables maintenance, protection and availability of specialized equipment, resolving availability issues resulting from storing equipment outdoors.

40. P440 Pier 8 Replacement (San Diego, CA) – \$108M

Replaces the obsolete pier to support new ships home-ported in San Diego, including LHA/LHD/LPD/DDG1000 ships. The new pier will provide 4160V power.

41. P427 Littoral Combat Ship (LCS) Training Facility (LTF) Naval Station Mayport Florida Phase - \$29M

Funding for the Phase II LCS Training Facility in Mayport, FL is required to meet LCS Squadron and LCS Division training requirements/throughput. This facility will fully enable the required tactical training, advanced ship simulation equipment, classrooms, and instructors.

42. P426 Littoral Combat Ship (LCS) Support Facility (LSF) Naval Station Mayport Florida Phase II - \$81M

Funding for the Phase II LCS Support Facility in Mayport, FL is required to meet LCS Squadron, Division, and off-hull crew requirements for office, meeting, and maintenance spaces to conduct daily tasking. This building adds to the existing Phase I facility to support the additional ships that will be stationed in Mayport.

43. P720 Austere Bachelor Quarters for Atlantic Undersea Test and Evaluation Center (AUTEC), Andros Island - \$30M

Funding to address transient housing needs (surge demand) for personnel supporting major Fleet readiness events conducted at AUTEC, including Submarine Command Course (SCC) and Helicopter Advanced Readiness Program (HARP) events. Project provides for 35,000 square feet of hurricane proof/energy efficient housing to meet historic base loading of up to 200 unaccompanied military personnel. The current transient bachelor quarters is reaching its end-of-life, is non-compliant with current life safety standards, and is becoming uneconomical and impractical to maintain.

44. P392 F-35C Communication Line Ops to Admin (Lemoore, CA) - \$14M

Provides capacity and resilience of communications infrastructure between the Operations and Administration areas of the base (7 miles apart) in support of F-35C introduction and general base operations. The new communication line will mitigate Joint Staff Installation Vulnerability Assessment (JSIVA) finding.

45. P964 Shore-to-Ship Utility Services - Naval Support Activity (NSA) Bahrain - \$60M

This project provides Shore-to-Ship utility services at NSA Bahrain for shore power, potable water, and sewage for a minimum of 4 ship berths. NSA Bahrain supports an average of 18 homeported and forward deployed ships visiting and/or on extended port calls.

46. P974 Electrical System Upgrade - NSA Bahrain - \$44M

This project upgrades the electrical system at NSA Bahrain by increasing the capacity of a critical transformer by 300%. The project also improves the resiliency of the medium voltage distribution system servicing mission critical and support facilities at the installation. The current utility system lacks the power capacity to adequately support the command and control complex which houses the primary communications center and network hub providing services for all supported commands in the CENTCOM AOR. The project also addresses several single points of failure in the distribution system required to sustain day-to-day and contingency operations. A temporary generator solution has been installed, but will be exceeded in FY17 at which point mitigation actions will be required.

47. P711 A School Dormitory, Pensacola, FL - \$92M

This project renovates 2 substandard bachelor enlisted quarters (BEQ) and converts an administrative office building to a BEQ to provide 550 beds for A-School students at the Naval Aviation Technical Training Center. The students are currently being housed in former Officer Candidate School (OCS) barracks with “gang heads” and overcrowded open bay berthing areas.

Overseas Contingency Operations (OCO)

48. Naval Special Warfare Counter-ISIS (NSW/C-ISIS) Requirements - \$17M

a. NSW Training and C-ISIS Requirements - \$6M

Enables NSW Joint terminal attack controllers (JTACs) to provide precision targeting to aviation assets for mission critical close air support to SOF operations. Funding contracted air services trains and certifies SEALs, EOD and Riverine Squadron JTACs to prosecute kinetic strikes.

b. NSW Precision Strike Unmanned Aerial Systems for C-ISIS (RDTEN) - \$5M

Enables NSW to develop precision strike capability on organic small unmanned aerial systems (UAS). Precision munitions from small UAS significantly lower current cost of high-end manned aviation assets prosecuting strikes with expensive bombs. ISIS and state adversaries are advancing with armed small drones/planes. Next generation development ensures NSW has tactical UAS edge in near-peer and counter-terrorism (CT) fight.

c. NSW Standoff Weapons, Shoulder Fired Rockets for C-ISIS - \$6M

Replenishes depleted NSW standoff weapon inventories due to heavy sustained C-ISIS operations. Service common JAVELIN rocket/launch system and 81mm mortars provide SEALs a game-changing advantage prosecuting urban assault missions.